

**Practice**

For use with pages 22–26

Graph the integers on a number line. Then write the integers in order from least to greatest.

1.  $-14, -11, -13, -9, -20, -7$



2.  $-30, 20, 10, -15, -5, 35$



3.  $0, -1, 1, -2, 2, -3, 3$



4.  $40, -50, 60, 20, -30, -10$



Complete the statement using  $<$  or  $>$ .

5.  $-9$  \_\_\_\_  $-17$

6.  $-20$  \_\_\_\_  $-12$

7.  $15$  \_\_\_\_  $-18$

8.  $0$  \_\_\_\_  $-24$

9.  $-32$  \_\_\_\_  $21$

10.  $27$  \_\_\_\_  $-14$

State the absolute value of the number.

11.  $-73$

12.  $-80$

13.  $16$

14.  $106$

15.  $-34$

16.  $-54$

State the opposite of the number.

17.  $-98$

18.  $-77$

19.  $45$

20.  $70$

21.  $63$

22.  $-23$

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Evaluate the expression when  $x = -7$ .

23.  $|-x|$

24.  $|x| + 4$

25.  $2|x|$

26.  $6|x|$

27.  $|x| - 5$

28.  $|x| + 14$

29.  $-x - 3$

30.  $-x + 10$

31. The table shows the daily low temperatures recorded over a seven-day period in a town.

| Day       | Temperature           |
|-----------|-----------------------|
| Sunday    | $-10^{\circ}\text{C}$ |
| Monday    | $-5^{\circ}\text{C}$  |
| Tuesday   | $-11^{\circ}\text{C}$ |
| Wednesday | $-10^{\circ}\text{C}$ |
| Thursday  | $-6^{\circ}\text{C}$  |
| Friday    | $-7^{\circ}\text{C}$  |
| Saturday  | $-9^{\circ}\text{C}$  |

- a. Did the daily low temperature *increase* or *decrease* from Tuesday to Wednesday?
- b. Did the daily low temperature *increase* or *decrease* from Thursday to Saturday?
- c. Which day's low temperature was lowest? Which was highest?